AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions and listings of claims in the application:

LISTING OF CLAIMS:

Claim 1 (currently amended): A transparent synthetic resin laminate with photochromism property consisting essentially of two transparent synthetic resin sheet layers and a photochromic layer interposed between said two transparent synthetic sheet layers, wherein the transparent synthetic resin in said two transparent synthetic resin sheet layers, is, each the same or different, a polycarbonate resin or a polymethyl methacrylate resin and said photochromic layer is a cured polyurethane reaction product obtained from a mixture consisting essentially of a polyurethane prepolymer with an isocyanate group on both ends obtained from a mixture consisting of diisocyanate and polyol, a curing agent consisting of a ~~compound~~ polyurethane polyol with a hydroxyl group on at least both ends obtained from diisocyanate and polyol, and a photochromic organic compound, adhering to each of said two transparent synthetic resin sheet layers.

Claim 2 (canceled).

Claim 3 (original): The laminate according to claim 1, wherein said polyurethane prepolymer is a compound derived from a prepolymer having a

number average molecular weight of 500 to 5000 and a curing agent having a number average molecular weight of 500 to 5000.

Claim 4 (currently amended): The laminate according to claim ~~2~~ 1, wherein said polyurethane prepolymer is a compound with an isocyanate group on both ends derived from diphenyl-methane-4,4'-diisocyanate and polypropylene glycol.

Claim 5 (canceled).

Claim 6 (previously presented): The laminate according to claim 1, wherein said curing agent is a compound with a hydroxyl group on at least both ends derived from tolylene diisocyanate and polypropylene glycol.

Claim 7 (previously presented): The laminate according to claim 1, wherein said mixture contains a tertiary hindered amine light stabilizer.

Claim 8 (previously presented): The laminate according to claim 1, wherein said mixture contains a tertiary hindered amine light stabilizer and an antioxidant containing at least three hindered phenol groups.

Claim 9 (original): The laminate according to claim 1, wherein said photochromic organic compound is a spiropyran compound, a spiroxazine compound or a naphtopyran compound.

Claim 10 (canceled).

Claim 11 (canceled).

Claim 12 (currently amended): A process for producing a transparent synthetic resin laminate with photochromism property which comprises:

coating a mixture consisting essentially of a polyurethane prepolymer with an isocyanate group on both ends obtained from a mixture consisting of diisocyanate and polyol, a curing agent consisting of a ~~compound~~ polyurethane polyol with a hydroxyl group on at least both ends obtained from diisocyanate and polyol, a photochromic organic compound and a solvent on one side of a first transparent synthetic resin sheet of a polycarbonate resin or a polymethyl methacrylate resin,

then, removing the solvent from the mixture to form a substantially solvent-free mixture,

then, adhering a second transparent synthetic resin sheet of a polycarbonate resin or a polymethyl methacrylate resin to the coated side of said first transparent synthetic resin sheet, and then, curing the substantially solvent-free mixture, thereby, forming a photochromic layer.

Claim 13 (previously presented): A plastic lens obtained by bending the transparent synthetic resin laminate described in claim 1.

14 (new): The laminate according to claim 1, wherein said polycarbonate resin is a polycarbonate resin made from bisphenol A.

15 (new): The process according to claim 12, wherein each of said polycarbonate resin in said first transparent synthetic resin sheet and said second transparent synthetic resin sheet is a polycarbonate resin made from bisphenol A.

16 (new): The laminate according to claim 1, wherein said mixture also contains a solvent, a light stabilizer and/or an antioxidant.

17 (new): The process according to claim 12, wherein said mixture also contains a light stabilizer and/or an antioxidant.